Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 22 Sep 2023 until 23:59 on Saturday 23 Sep 2023

Forecast Issued on Friday 22 Sep 2023 at 03:42

Confidence: High confidence Friday and Saturday. Lower confidence from later Saturday through Sunday due to a slow-moving band of rain. Low confidence in details on Tuesday.

Headline for Friday 22 Sep 2023: Rather cloudy with showers, some heavy at times.

Mountain weather hazards on Friday 22 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Cloudy	Heavy rain showers	Heavy rain showers	Heavy rain showers	Light rain showers (night)
Precipitation probability					
40%	20%	60%	80%	60%	40%

Forecast for Friday 22 Sep 2023

Weather: Rather cloudy and breezy to start, with showers merging to a longer spell of rain in the west. Conditions will turn more showery generally with time and become heavy, with a low risk of thunder. Showers eventually easing during the evening, once agin becoming more limited to the west.

Chance of cloud-free hill tops above 600m: 40 becoming 80%

Low cloud and visibility: Very good visibility generally, but falling to moderate or poor in showers. Bases could lower towards to 500m in heavier showers, especially towards the west of the park through the morning and early afternoon. If showers merge to give longer spells of rain, cloud may obscure highest routes for a few hours.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 22 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 SW	15/19 SW	15/20 W	15/21 W	15/21 NW	12/18 NW	9/13 W
300	10/15 SW	11/14 SW	13/18 W	13/18 W	12/20 NW	10/16 W	7/11 W
Valley	4/13 SW	7/11 SW	8/15 W	9/18 W	9/19 NW	6/15 NW	4/10 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	7/3	9/5	9/6	8/5	7/4	6/4
300	8/6	9/7	11/9	11/9	11/9	10/7	9/7
Valley	9/8	10/9	12/11	12/10	12/10	10/9	9/8
Freezing Level*	1800m	1800m	1800m	1800m	1800m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Showers may cause rapid deteriorations in visibility, making for challenging navigation at times.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 22 Sep 2023	0mm	0.2mm	0.2mm

Forecast for Saturday 23 Sep 2023

Weather: A cold, crisp and sunny start. Cloud gradually building turning sunshine increasingly hazy. Slight chance of a shower. Rain arriving overnight.

Maximum wind: Westerly 10-15 mph gusting 20-25 mph

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: The odd patch of mist or fog is possible in valleys at first, clearing by mid-morning. Cloud above the summits throughout.

Temperature: **Valleys:** Plus 5 Celsius becoming plus 13 Celsius
At 600m: Plus 7 Celsius
Freezing level: Above the summits

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